


Please type a plus sign (+) inside this box 

PTO/SB/05 (05-03)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 7784-000690

First Inventor Jeffrey H. Hunt

Title Apparatus And Method For Initiating A Combustion Reaction With Solid State Solid Fuel

Express Mail Label No. EL 623596769 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]  
(preferred arrangement set forth below)
  - Descriptive title of the invention ☒ Specification filed in English
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C.113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Check for \$1134.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

27572

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name Harness, Dickey & Pierce, P.L.C.

Mark D. Elchuk, Reg. No. 33,686

Address P.O. Box 828

City Bloomfield Hills

State

MI

Zip Code

48303

Country United States of America

Telephone

248-641-1600

Fax

248-641-0270

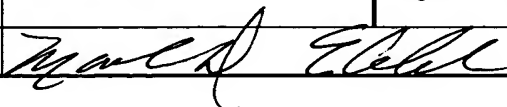
Name (Print/Type)

Mark D. Elchuk

Registration No. (Attorney/Agent)

33,686

Signature



Date

Jan. 21, 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2004**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1134.00**Complete if Known**

|                      |                 |
|----------------------|-----------------|
| Application Number   | Unknown         |
| Filing Date          | Herewith        |
| First Named Inventor | Jeffrey H. Hunt |
| Examiner Name        | Unknown         |
| Art Unit             | Unknown         |
| Attorney Docket No.  | 7784-000690     |

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number 08-0750Deposit  
Account  
Name Harness, Dickey & Pierce, P.L.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity        |          | Small Entity |          | Fee Description        | Fee Paid        |
|---------------------|----------|--------------|----------|------------------------|-----------------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |                        |                 |
| 1001                | 770      | 2001         | 385      | Utility filing fee     | 770             |
| 1002                | 340      | 2002         | 170      | Design filing fee      |                 |
| 1003                | 530      | 2003         | 265      | Plant filing fee       |                 |
| 1004                | 770      | 2004         | 385      | Reissue filing fee     |                 |
| 1005                | 160      | 2005         | 80       | Provisional filing fee |                 |
| <b>SUBTOTAL (1)</b> |          |              |          |                        | <b>(\$) 770</b> |

**2. EXTRA CLAIM FEES**

|                    |    |        |   |    |   |    |   |     |
|--------------------|----|--------|---|----|---|----|---|-----|
| Total Claims       | 38 | -20 ** | = | 18 | X | 18 | = | 324 |
| Independent Claims | 3  | -3 **  | = | 0  | X | 0  | = | 0   |
| Multiple Dependent |    |        |   |    | X |    | = | 0   |

| Large Entity        |          | Small Entity |          | Fee Description  | Fee Paid         |
|---------------------|----------|--------------|----------|--|------------------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |  |                  |
| 1202                | 18       | 2202         | 9        | Claims in excess of 20                                     |                  |
| 1201                | 86       | 2201         | 43       | Independent claims in excess of 3                          |                  |
| 1203                | 290      | 2203         | 145      | Multiple dependent claim, if not paid                      |                  |
| 1204                | 86       | 2204         | 43       | ** Reissue independent claims over original patent         |                  |
| 1205                | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |                  |
| <b>SUBTOTAL (2)</b> |          |              |          |  | <b>(\$) 1094</b> |

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity              |          | Small Entity |          | Fee Description  | Fee Paid |
|---------------------------|----------|--------------|----------|--|----------|
| Fee Code                  | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051                      | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052                      | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053                      | 130      | 1053         | 130      | Non-English specification  |          |
| 1812                      | 2,520    | 1812         | 2,520    | For filing a request for reexamination                                     |          |
| 1804                      | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                      | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251                      | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252                      | 420      | 2252         | 210      | Extension for reply within second month                                    |          |
| 1253                      | 950      | 2253         | 475      | Extension for reply within third month                                     |          |
| 1254                      | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    |          |
| 1255                      | 2,010    | 2255         | 1,005    | Extension for reply within fifth month                                     |          |
| 1401                      | 330      | 2401         | 165      | Notice of Appeal   |          |
| 1402                      | 330      | 2402         | 165      | Filing a brief in support of an appeal                                     |          |
| 1403                      | 290      | 2403         | 145      | Request for oral hearing   |          |
| 1451                      | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452                      | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453                      | 1,330    | 2453         | 665      | Petition to revive - unintentional   |          |
| 1501                      | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   |          |
| 1502                      | 480      | 2502         | 240      | Design issue fee   |          |
| 1503                      | 640      | 2503         | 320      | Plant issue fee  |          |
| 1460                      | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807                      | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806                      | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021                      | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) | 40       |
| 1809                      | 770      | 2809         | 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810                      | 770      | 2810         | 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801                      | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802                      | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |
| Other fee (specify) _____ |          |              |          |  |          |

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$) 40

**SUBMITTED BY****Complete (if applicable)**

|                   |   |                                  |        |           |                |
|-------------------|---|----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Mark D. Elchuk  | Registration No. Attorney/Agent) | 33,686 | Telephone | (248) 641-1600 |
| Signature         |  |                                  |        | Date      | Jan. 21, 2004  |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.